

Amendments to the Specification

Please replace the current abstract with the following rewritten abstract:

Sub E17
DI

-- Methods of increasing the throughput of recovery boilers equipped with at least three levels of injection of air, with oxygen enrichment of the air in at least one air injection level. In one method, a black liquor recovery boiler has three levels of air injection, and oxygen enrichment is applied to at least the secondary and the tertiary air injection levels. In another method, a black liquor recovery boiler has four levels of air injection, and oxygen enrichment is applied to one or more of the tertiary or quaternary air injection levels. In another method, a black liquor boiler has three levels of air injection, with oxygen enrichment applied to at least two air injection levels. After combustion, the oxygen concentration in the resultant flue gas is sensed. The oxygen injection is then adjusted in order to maintain the sensed oxygen concentration at the previously selected oxygen set point. --

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